

What is claimed is:

1. A filter device for coffee or the like comprising;
a container body consisting of an open frame formed of
sheet material having predetermined rigidity, and a blind-
end frame including an annular bottom member and connected to
said open frame so as to be folded, said blind-end frame being
formed of sheet material having predetermined flexibility; and

a filter chamber for enclosing substance to be extracted
and received in said annular bottom member via a filter,

wherein said blind-end frame is adapted to be folded
inside said open frame together with said filter chamber.

2. The filter device as claimed in claim 1, wherein said
open frame is formed of sheet material having predetermined
rigidity in a tubular shape, and said blind-end frame is formed
of deformable sheet material in a tubular shape to which is
given shape retaining characteristic having predetermined
rigidity and flexibility.

3. The filter device as claimed in claim 1, wherein said
container body has varied diameter gradually reduced from said
open frame to said blind-end frame and is formed into a
substantially inverted shape of a truncated cone.

4. The filter device as claimed in claim 1, wherein said
open frame and said filter chamber have substantially the same
height.

5. The filter device as claimed in claim 1, wherein said

open frame and said blind-end frame have substantially the same height.

6. The filter device as claimed in claim 1, wherein said open frame, said blind-end frame and said filter chamber have
5 substantially the same height.

7. The filter device as claimed in claim 1, wherein the height of said blind-end frame is substantially twice as high as the height of said open frame, and an upper half of said blind-end frame is attached to an inner peripheral face or an
10 outer peripheral face of said open frame.

8. The filter device as claimed in claim 1, wherein a reinforcing frame having predetermined rigidity is formed at a circumferential edge of a bottom of said blind-end frame.

9. The filter device as claimed in claim 8, wherein said
15 reinforcing frame is extended downward from said bottom of said blind-end frame thereby to integrally form a cup holding frame.

10. The filter device as claimed in claim 8, wherein said open frame and said reinforcing frame provided at said circumferential edge of said bottom are integrally connected
20 by means of a plurality of connecting pieces.

11. The filter device as claimed in claim 1, wherein said bottom of said blind-end frame is formed of a bottom plate made of sheet material having predetermined rigidity.

12. The filter device as claimed in claim 1, wherein said
25 open frame is formed of thick paper having predetermined

rigidity, and a body part of said blind-end frame is formed of deformable thin paper provided with shape retaining characteristic having predetermined rigidity and flexibility.

13. The filter device as claimed in claim 1, wherein said
5 open frame is formed of non-woven fabric having predetermined rigidity, and a body part of said blind-end frame is formed of deformable non-woven fabric provided with shape retaining characteristic having predetermined rigidity and flexibility.

14. A filter device for coffee or the like which is constructed;
10 by forming an open frame in a short tubular shape of sheet material having predetermined rigidity,

by extending a body part of a blind-end frame extending downward from a lower edge of said open frame thereby to form a cup-shaped container body, said blind-end frame being formed
15 of deformable sheet material provided with shape retaining characteristic having predetermined rigidity and flexibility; and

by continuously forming a filter chamber for enclosing substance to be extracted such as ground coffee in a bottom
20 of said blind-end frame via a filter,

wherein when it is not in use, said filter chamber is pushed into said open frame while said body part of said blind-end frame is flexed and deformed to fold and contract said blind-end frame, and when it is in use, said body part
25 is flexed to expand said blind-end frame thereby enabling said

container body to be expanded and restored to a cup-like shape,
and said filter chamber to be pulled downward.

15. The filter device as claimed in claim 14, wherein
said container body has varied diameter gradually reduced from
5 said open frame to said blind-end frame and is formed into a
substantially inverted shape of truncated cone.

16. The filter device as claimed in claim 14, wherein
said open frame and said filter chamber have substantially the
same height.

10 17. The filter device as claimed in claim 14, wherein
said open frame and said blind-end frame have substantially
the same height.

15 18. The filter device as claimed in claim 14, wherein
said open frame and said filter chamber have substantially the
same height, and said open frame and said blind-end frame have
substantially the same height.

20 19. The filter device as claimed in claim 14, wherein
an upper edge of said blind-end frame is connected to a lower
edge of said open frame, and said upper edge of said blind-end
frame is extended along an inner peripheral face of said open
frame to be integrally joined thereto.

25 20. The filter device as claimed in claim 14, wherein
an upper edge of said blind-end frame is connected to a lower
edge of said open frame, and said upper edge of said blind-end
frame is extended along an outer peripheral face of said open

frame to be integrally joined thereto.

21. The filter device as claimed in claim 14, wherein
an annular reinforcing frame of sheet material having
predetermined rigidity is formed at a lower edge of said
5 blind-end frame along its entire circumference.

22. The filter device as claimed in claim 21, wherein
a lower end portion of said reinforcing frame is extended
downward from said bottom of said blind-end frame thereby to
integrally form a cup holding frame.

10 23. The filter device as claimed in claim 21, wherein
said open frame and said reinforcing frame provided at said
circumferential edge of said bottom are integrally connected
by means of a plurality of connecting pieces.

15 24. The filter device as claimed in claim 14, wherein
said bottom of said blind-end frame is formed of a bottom plate
made of sheet material having predetermined rigidity.

20 25. The filter device as claimed in claim 24, wherein
an annular reinforcing frame of sheet material having
predetermined rigidity is formed at a lower edge of said
blind-end frame along its entire circumference.

26. The filter device as claimed in claim 25, wherein
a lower end portion of said reinforcing frame is extended
downward from said bottom of said blind-end frame thereby to
integrally form a cup holding frame.

25 27. The filter device as claimed in claim 24, wherein

said open frame and said reinforcing frame provided at said circumferential edge of said bottom are integrally connected by means of a plurality of connecting pieces.

28. The filter device as claimed in claim 14, wherein
5 said open frame is formed of thick paper having predetermined rigidity, and said body part of said blind-end frame is formed of deformable thin paper provided with shape retaining characteristic having predetermined rigidity and flexibility.

29. The filter device as claimed in claim 28, wherein
10 an annular reinforcing frame of sheet material having predetermined rigidity is formed at a lower edge of said blind-end frame along its entire circumference.

30. The filter device as claimed in claim 29, wherein
15 a lower end portion of said reinforcing frame is extended downward from said bottom of said blind-end frame thereby to integrally form a cup holding frame.

31. The filter device as claimed in claim 28, wherein
20 said open frame and said reinforcing frame provided at said circumferential edge of said bottom are integrally connected by means of a plurality of connecting pieces.

32. The filter device as claimed in claim 14, wherein
25 said open frame is formed of non-woven fabric having predetermined rigidity, and said body part of said blind-end frame is formed of deformable non-woven fabric provided with shape retaining characteristic having predetermined rigidity

and flexibility.

33. The filter device as claimed in claim 32, wherein
an annular reinforcing frame of sheet material having
predetermined rigidity is formed at a lower edge of said
5 blind-end frame along its entire circumference.

34. The filter device as claimed in claim 33, wherein
a lower end portion of said reinforcing frame is extended
downward from said bottom of said blind-end frame thereby to
integrally form a cup holding frame.

10 35. The filter device as claimed in claim 32, wherein
said open frame and said reinforcing frame provided at said
circumferential edge of said bottom are integrally connected
by means of a plurality of connecting pieces.